

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)APPLICANT:
Lester F. LUDWIG, Jr.FILING DATE
April 16, 1997GROUP
2605

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PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
g.e.	P1	5,617,539	04/01/97	Ludwig et al.	348	12	
	P2	5,579,143	11/26/96	Huber	359	130	
	P3	5,566,179	10/15/96	Kobayashi et al.	370	396	
	P4	5,563,882	10/08/96	Bruno et al.	370	62	
	P5	5,557,442	09/17/96	Huber	359	179	
	P6	5,555,244	09/10/96	Gupta et al.	370	397	
	P7	5,555,118	09/10/96	Huber	359	125	
	P8	5,534,914	07/09/96	Flohr et al.	379	93	
	P9	5,528,286	06/18/96	Goolcharan	348	19	
	P10	5,528,281	06/18/96	Grady et al.	348	7	
	P11	5,512,937	04/30/96	John D. Beierle	348	14	
	P12	5,490,247	02/06/96	Tung et al.	395	162	
	P13	5,473,679	10/05/95	La Porta et al.	379	220	
	P14	5,467,212	11/14/95	Huber	359	168	
	P15	5,410,343	04/25/95	Coddington et al.	348	12	
	P16	5,375,068	12/20/94	Palmer et al.	364	514	
	P17	5,347,305	09/1994	Bush et al.			
	P18	5,283,637	02/01/94	Goolcharan	348	17	
	P19	5,247,351	09/21/93	Cho	358	11	
	P20	5,247,347	09/21/93	Litteral et al.	358	85	
	P21	5,067,018	11/19/91	Sakamoto et al.	348	469	
	P22	5,065,396	11/12/91	Castellano et al.	370	84	
	P23	5,187,571	02/16/93	Braun et al.	358	85	
	P24	5,136,575	08/04/92	Kuroda	370	30	
	P25	5,130,793	07/14/92	Bordry et al.	358	86	
	P26	5,014,267	05/07/91	Tompkins et al.	370	62	
	P27	5,010,399	04/23/91	Goodman et alk.	358	85	
	P28	4,847,829	07/11/89	Tompkins et al.	370	62	
	P29	4,800,344	01/24/89	Graham	333	25	
	P30	4,760,442	07/26/88	O'Connell et al.	358	86	
	P31	4,752,940	06/21/88	Graham	375	10	
	P32	4,716,585	12/29/87	Tompkins et al.	370	202	
	P33	4,710,917	12/01/87	Tompkins et al.	370	62	
	P34	4,686,698	08/11/87	Tompkins et al.	379	53	
	P35	4,650,929	03/17/87	Boerger et al	358	86	
	P36	4,441,180	04/03/84	Schussler	370	3	

9.6	P37	4,273,963	06/16/81	Seidel	179	16P	08 PKQ 745
	P38	4,210,927	07/01/80	Yumde et al.	358	12	
	P39	4,084,181	04/11/78	Mita et al.	358	12	
	P40	4,054,910	10/18/77	Chou et al.	358	86	
	P41	4,005,265	01/25/77	Verhoeckx et al.	358	145	
	P42	3,974,337	08/10/76	Tatsuzawa	179	2TV	
	P43	3,873,771	03/25/75	Kleinerman et al.	179	2TV	
	P44	3,723,653	03/27/73	Tatsuzawa	179	2TV	
	P45	3,701,849	10/31/72	Stapleton	179	2TV	
	P46	3,568,100	03/02/71	Tarbos	333	18	
	P47	3,530,251	09/22/70	Miyawaki	179	2	
	P48	3,519,744	07/07/70	Dorros et al.	179	2	
	P49	3,456,206	07/15/69	Kwarytiroff	330	32	

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							YES	NO
9.6	F1	A 2,282,506	4/5/95	GB				
	F2	A 05 268,585	1/94	JP				
	F3	A 0 352,210	1/90	FR				
	F4	A 0 617,560	9/28/94	EP				
	F5	A 0 244,260	11/4/87	EP				
	F6	A 0 354,370	A1 2/90	EP				
	F7	A 0 497,022	A1 8/92	EP				
	F8	350,715 2	A1 2/85	DE				
	F9	A 352210	01/24/90	EP				
	F10	WO 95/34167 A1	12/1995	WO				
	F11	WO 95/13680 A1	05/1995	WO				

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9.6	D1	Transactions of the Institute of Electronics, Information and Communication Engineers of Japan, vol. E74, no. 9, September 1991, Tokyo, Japan pages 2696-2702
	D2	Proc. of the 1st International Workshop on Community Networking - Integrated Multimedia Services to the Home - 13-14 July 1994, San Francisco (US), pages 203-209
	D3	AT&T Visual Solutions Multipoint Control Unit. Product Literature. 1993
	D4	Chinon America, Inc., Chinon CX-062, Miniature Micro Color CCTV Board Camera. Product Literature, April 1994
	D5	Communique!. Insoft, Inc. Product Literature. unavailable.
	D6	Article, Infoworld, "Up-Start Insoft Storms Conferencing." Dated October 10, 1994
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	D8	Insoft Opndve. Your Software Development Bridge for Building Collaborative. Fully-Interperable Multimedia Applications. Product Literature. unavailable
	D9	For-A Company Limited. Operation Manual. Multi-Viewer MV-400 (1st Edition - Rev. 2). unavailable
	D10	For-A Company Limited. MV-40D Multi-Viewer. Product Literature. N/A.

98	D11	For-A Company Limited. MV-40C Multi-Viewer. Product Literature. N/A.
	D12	Lightwave Systems, Inc., Communiation Systems. Installation Guide Series 4000 Stanalone Twisted Pair Video System. STD. Doc #840-000-01. N/A
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	D14	Maxim Integrated Products. Wideband Transconductance Amplifiers. Max435/Max436. Product Literature. 0042. Rev. 1, April 1993.
	D15	Network Video Technologies. NVT Quality Video Over Ordinary Telephone Wire Rackmount Video Transceiver System. Product Literature. N/A.
	D16	Nuts Technologies. Connect 918., P. 3.15 Desktop Videoconferencing Report and P 3.16 Applied Business Telecommunications. Product Literature. N/A
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	D19	Tut Systems. Ethernet or 10Baset. Over one pair Wire. Product Literature. N/A.
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	D23	Data Communications, Videoconferencing. Mix-And-Match Videoconferencing, Startup's MCU Allows Videoconferences Among Sites Using Different Vendors' Codecs August 1992.
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	D42	Press Release Broadband Technologies, Inc. , December 6, 1994
	D43	PC Week, You May Be Ready For ATM, But It isn't Ready For You. Sept. 5, 1994. N/A.
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EXAMINER GEORGE ENG.		DATE CONSIDERED 3-25-99.

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformation and not considered. Include a copy of this form with the next communication to applicant.

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OTHER PUBLICATIONS (including Author, Title, Date, Pertinent Pages, Etc.)

D67

D68

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g.e.	P1	5,440,551	8/8/95	Suzuki	370	60	January 4, 1994
	P2						
	P3						
	P4						
	P5						
	P6						
	P7						
	P8						
	P9						
	P10						
	P11						

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
g.e.	F1	GB 2287611 A	9/20/95	United Kingdom	H4K	KF42		x
	F2							
	F3							
	F4							
	F5							

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g.e.	D1	An Examiner's Search Report in Patent Application No. GB 9520848.4	1/15/96
g.e.	D2	Commercial Database Record Including the Patent Family for EP 606837	N/A.

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